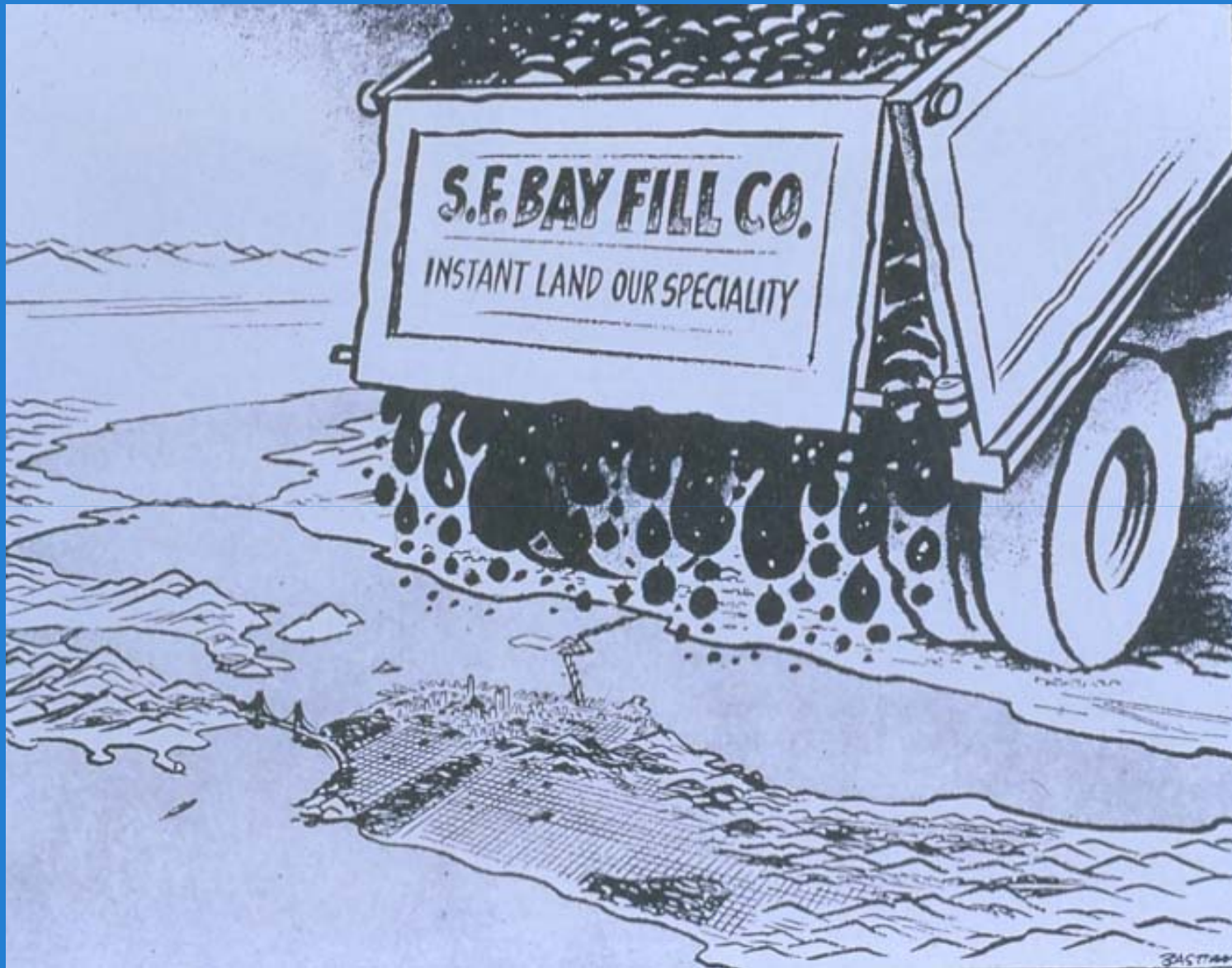


Impacts of Global Climate Change on San Francisco Bay



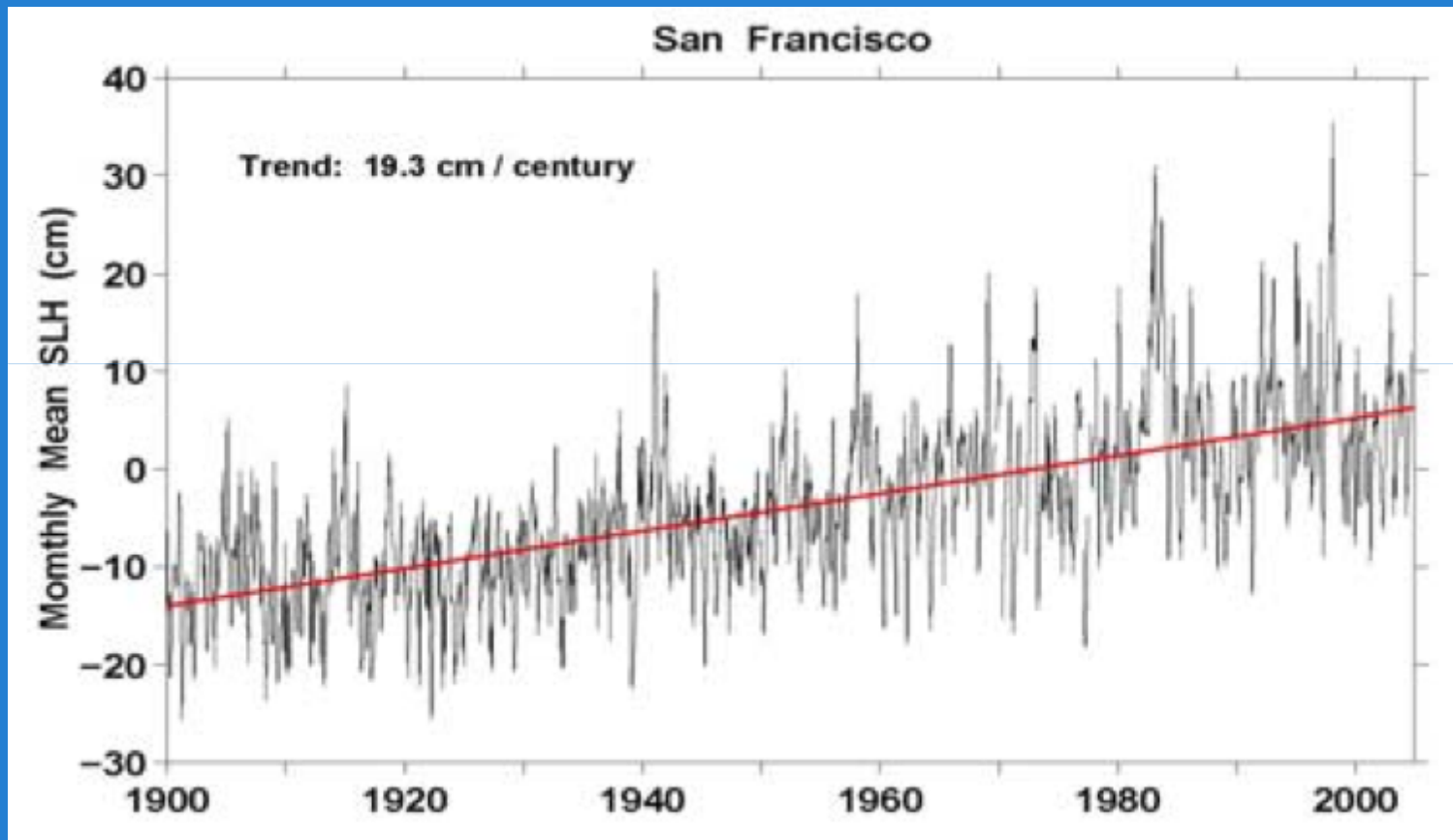
San Francisco Bay Conservation and
Development Commission







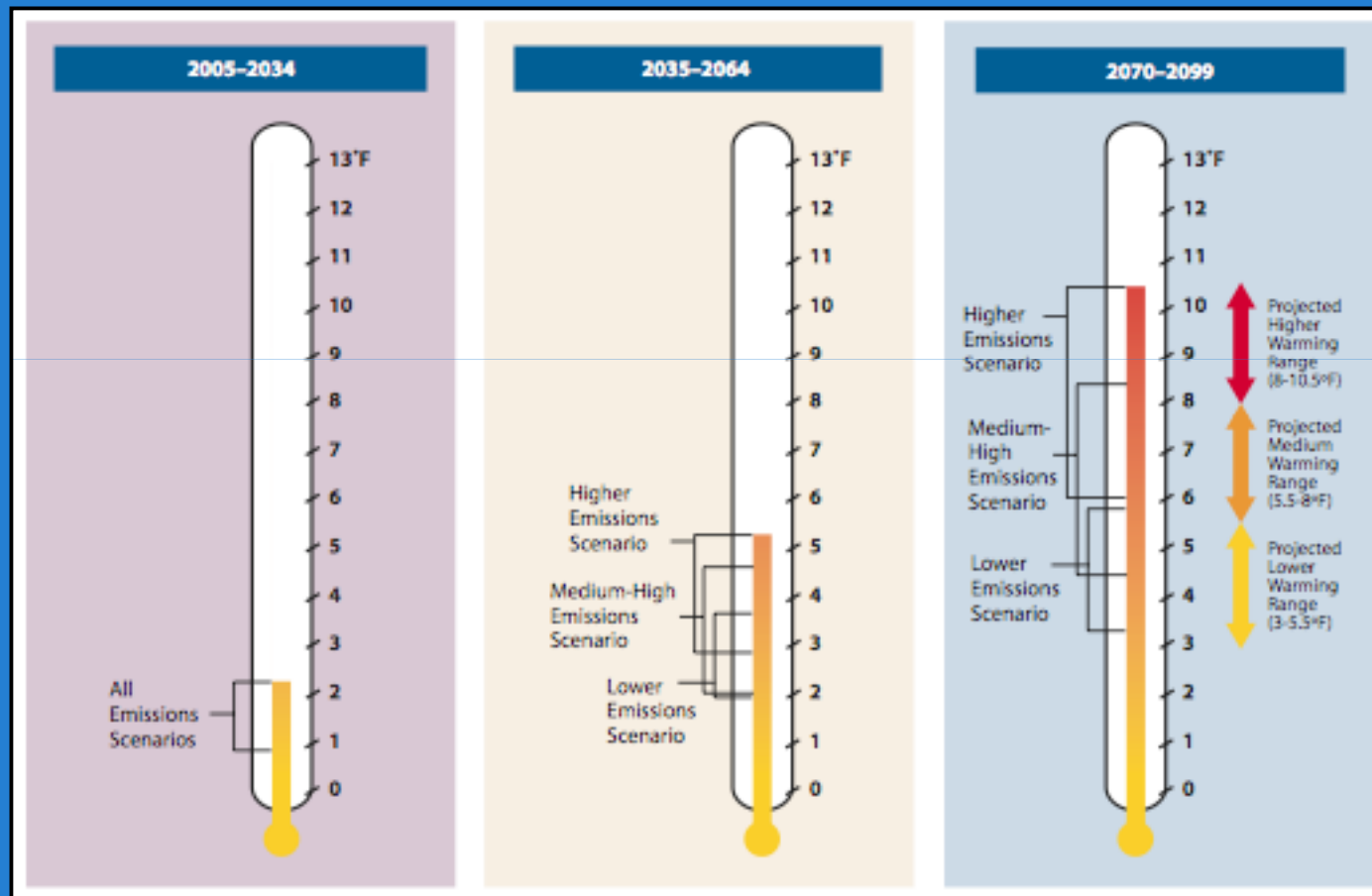
San Francisco-observed sea level with trend of 19.3 cm (0.63 feet) per century



Source: California Climate Action Team Report 2006

Climate Change Scenarios for California

Three Emissions Scenarios: Lower, Medium-High, Higher

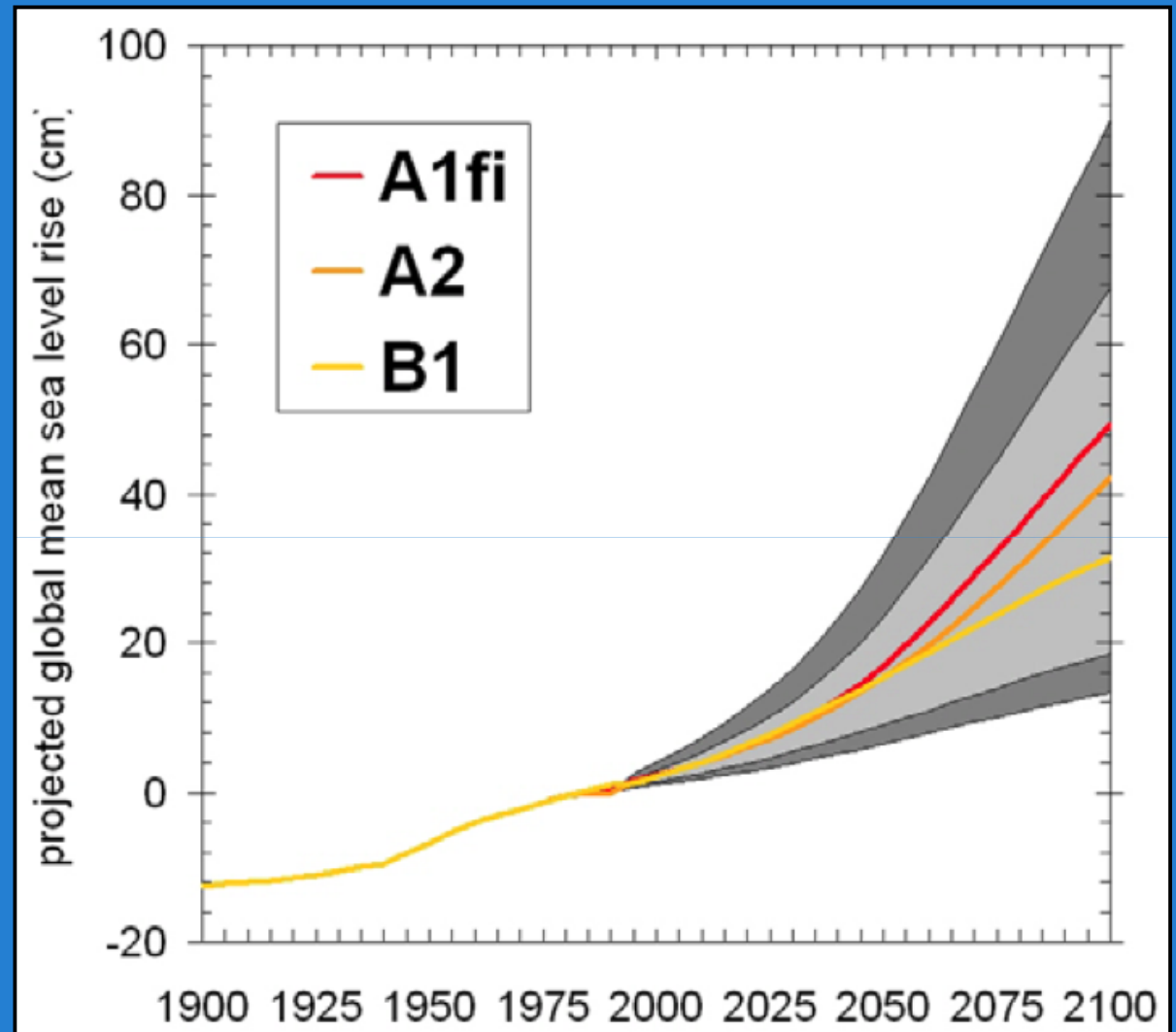


Source: California Climate Action Team Report 2006

Projected Sea Level Rise

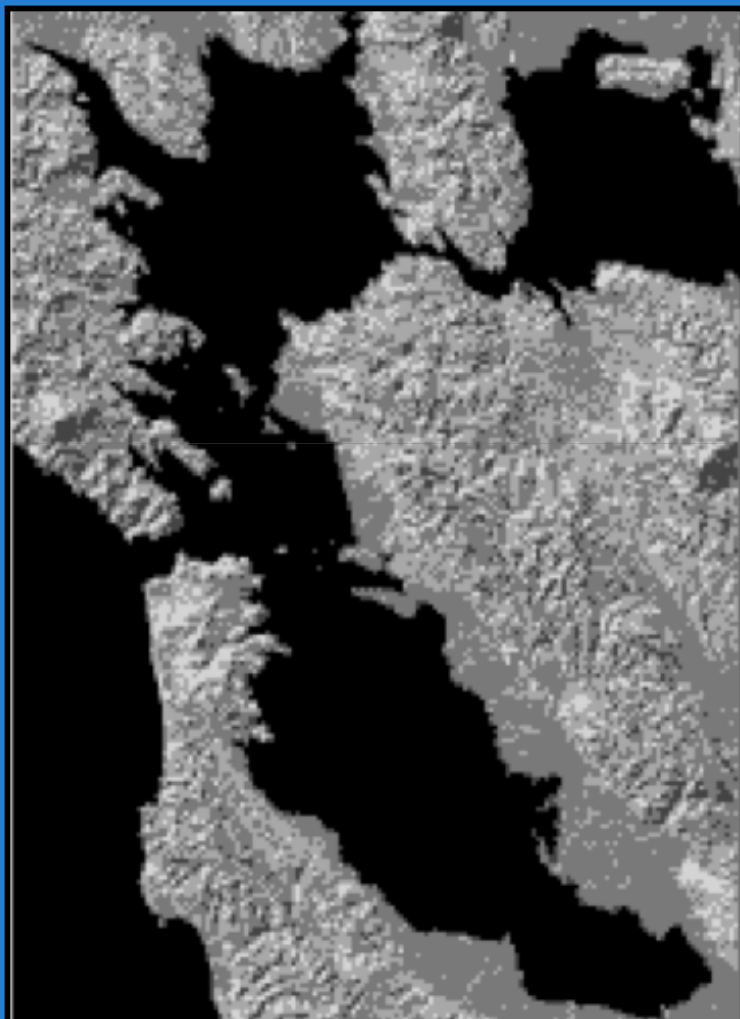
Three Emissions Scenarios:

- A1fi - high
- A2 - medium-high
- B1 - low



Source: California Climate Action Team Report 2006

1849



2100





UCSF Mission Bay

© Mark Defeo, 2003

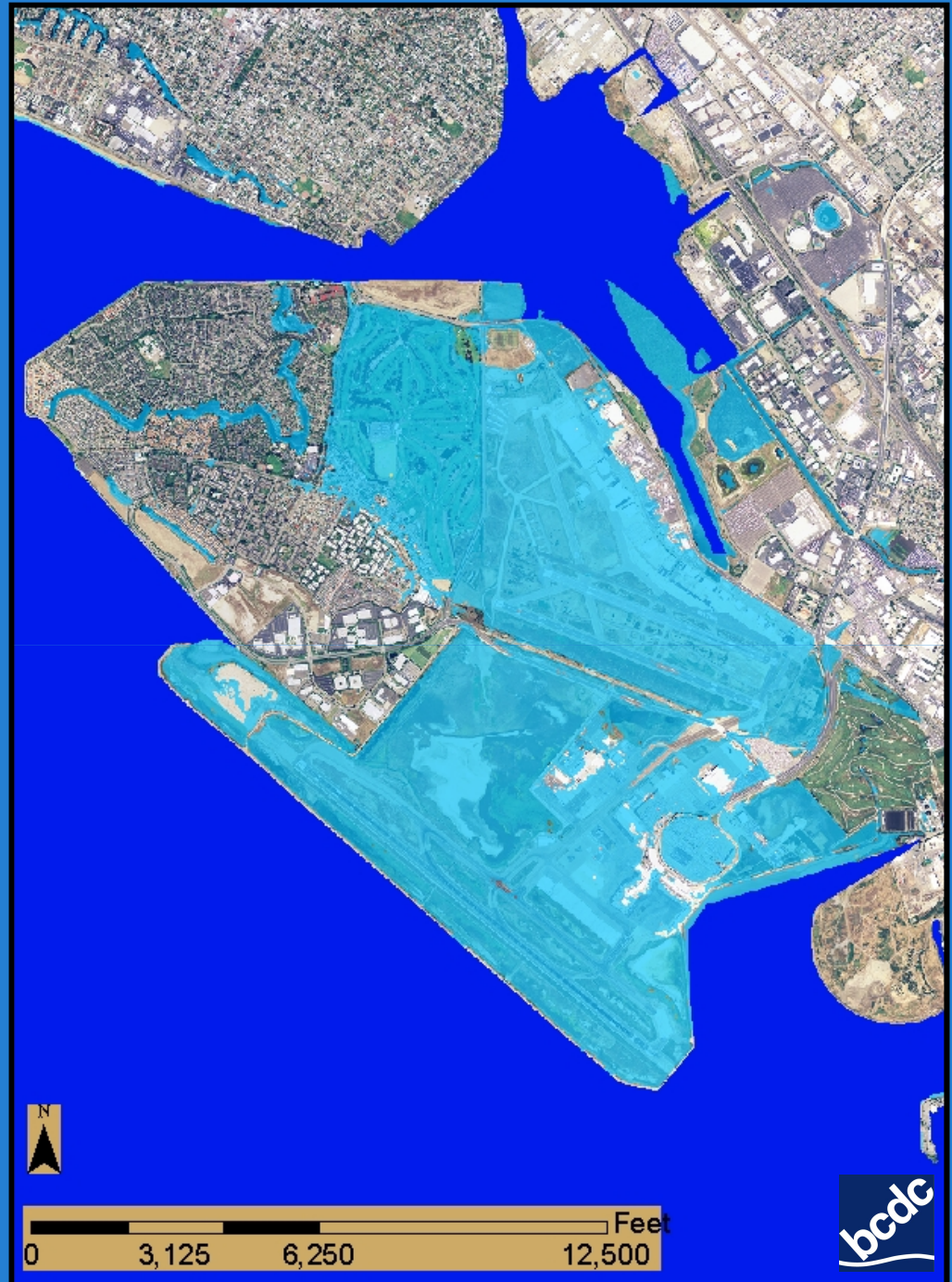
San Francisco International Airport

One Meter Sea Level Rise



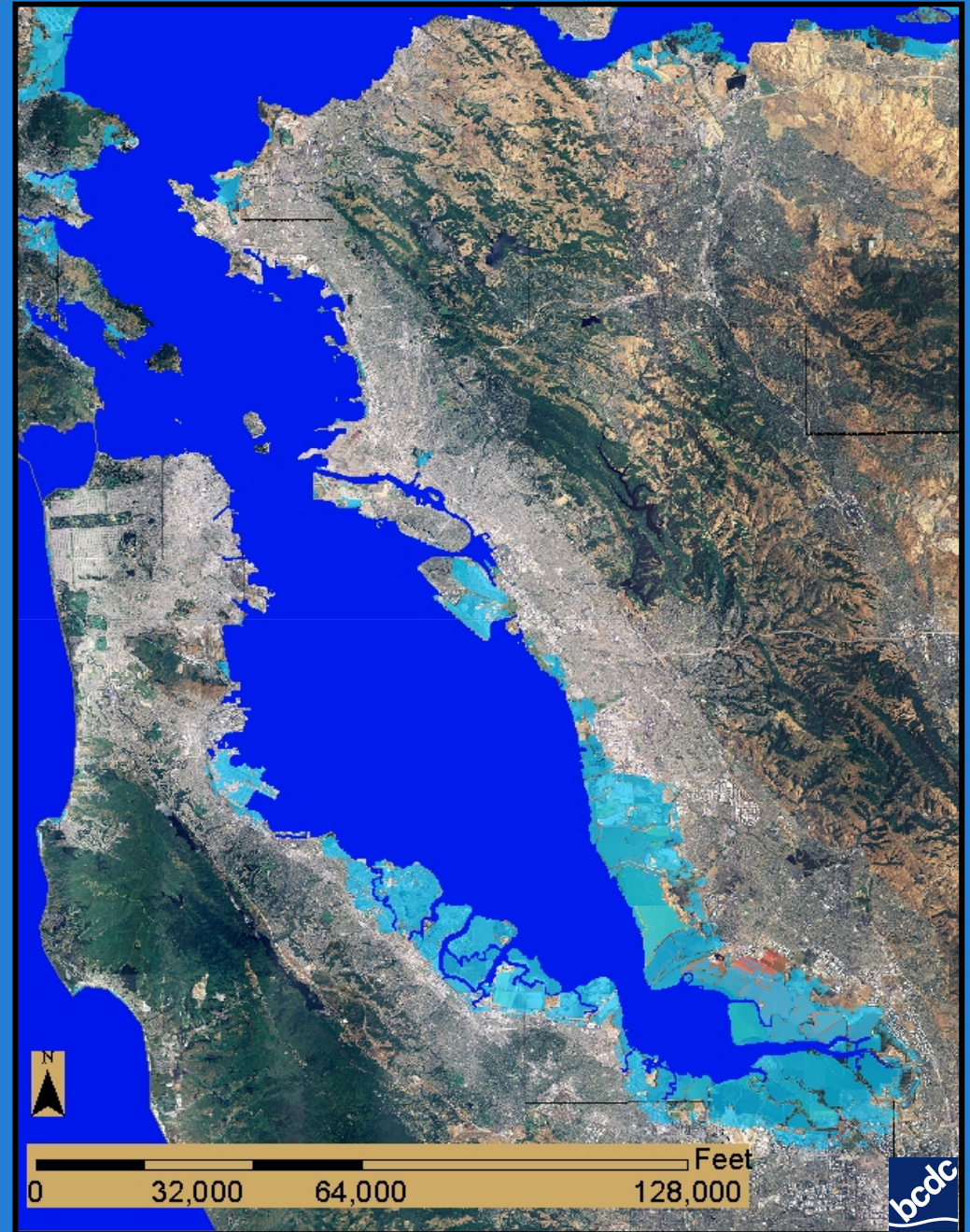
Oakland International Airport

One Meter Sea Level Rise



Central and South San Francisco Bay

One Meter Sea Level Rise



East Bay

One Meter Sea Level Rise



Richmond

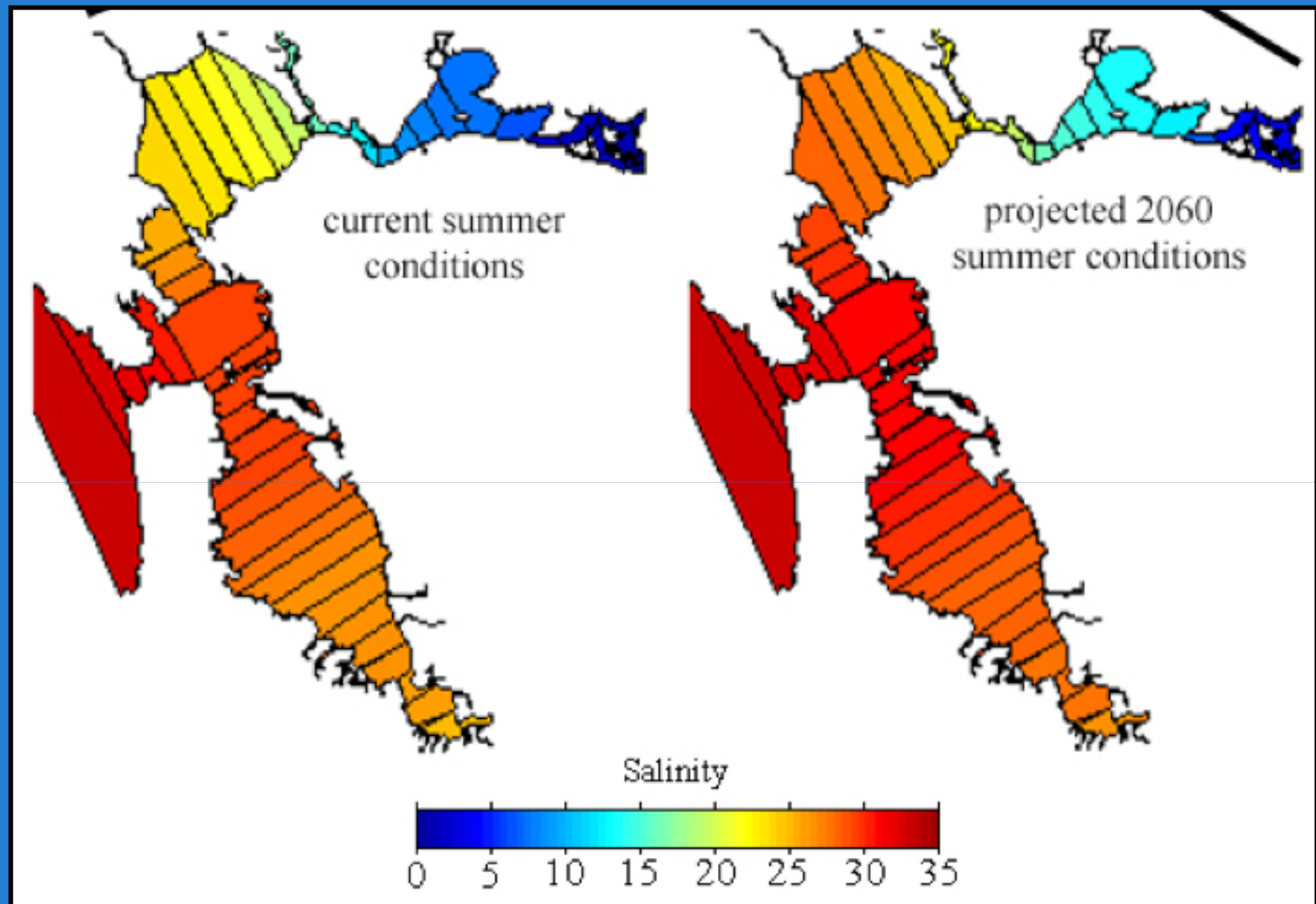
One Meter Sea Level Rise



Increased Storm Activity

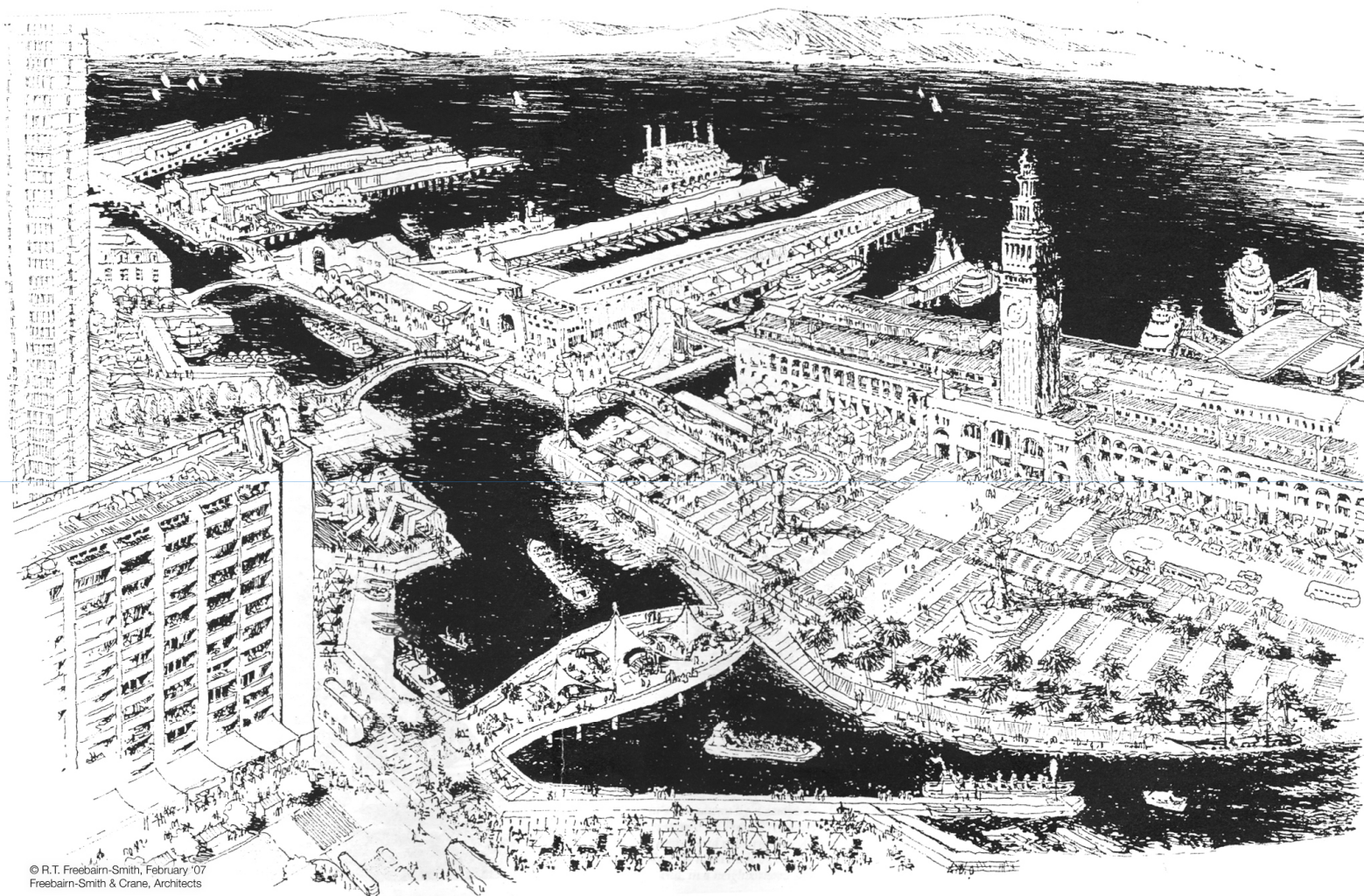
A 30 cm (11.8 inches) increase in sea level rise would shift the 100-year storm surge-induced flood event to once every 10 years.





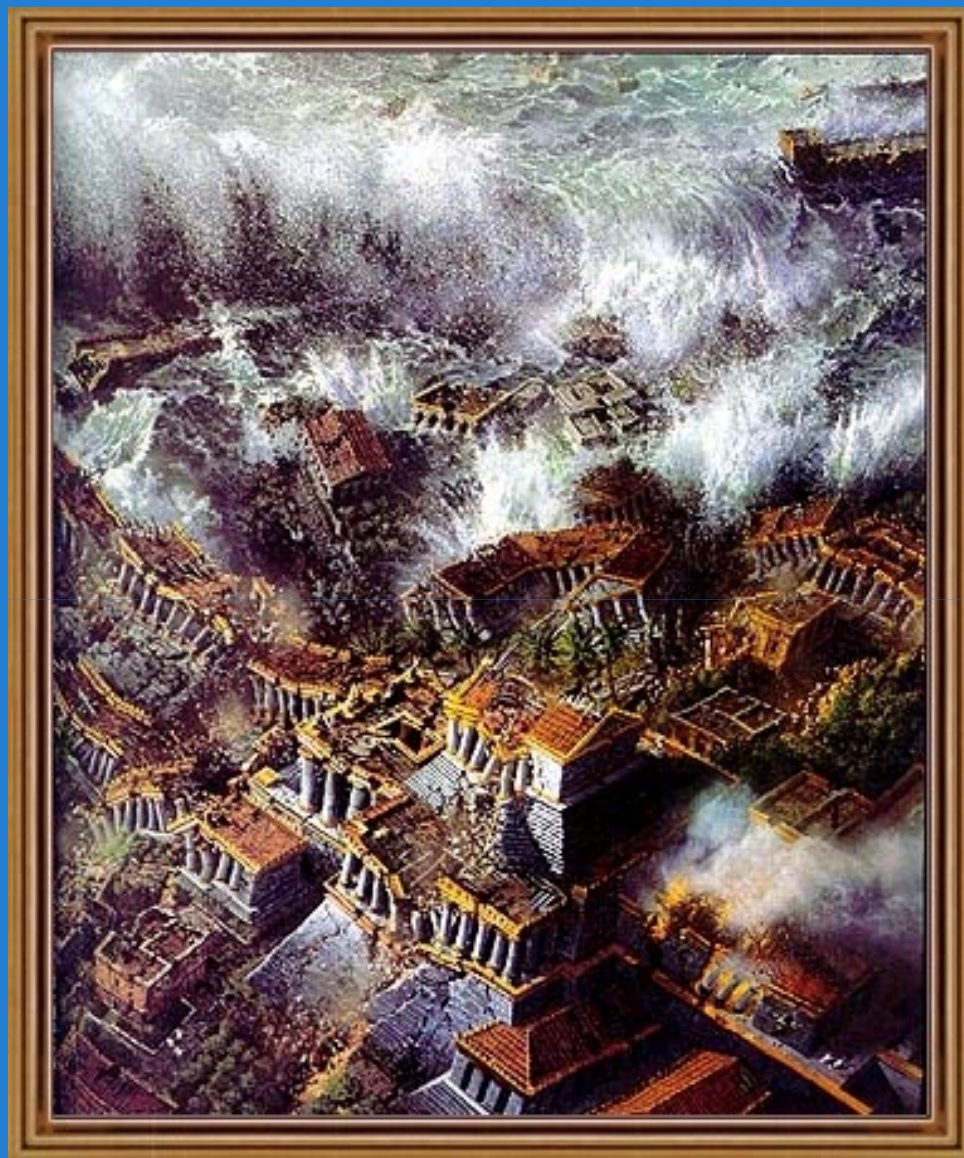
Cayan et. al. 2005





© R.T. Freebairn-Smith, February '07
Freebairn-Smith & Crane, Architects















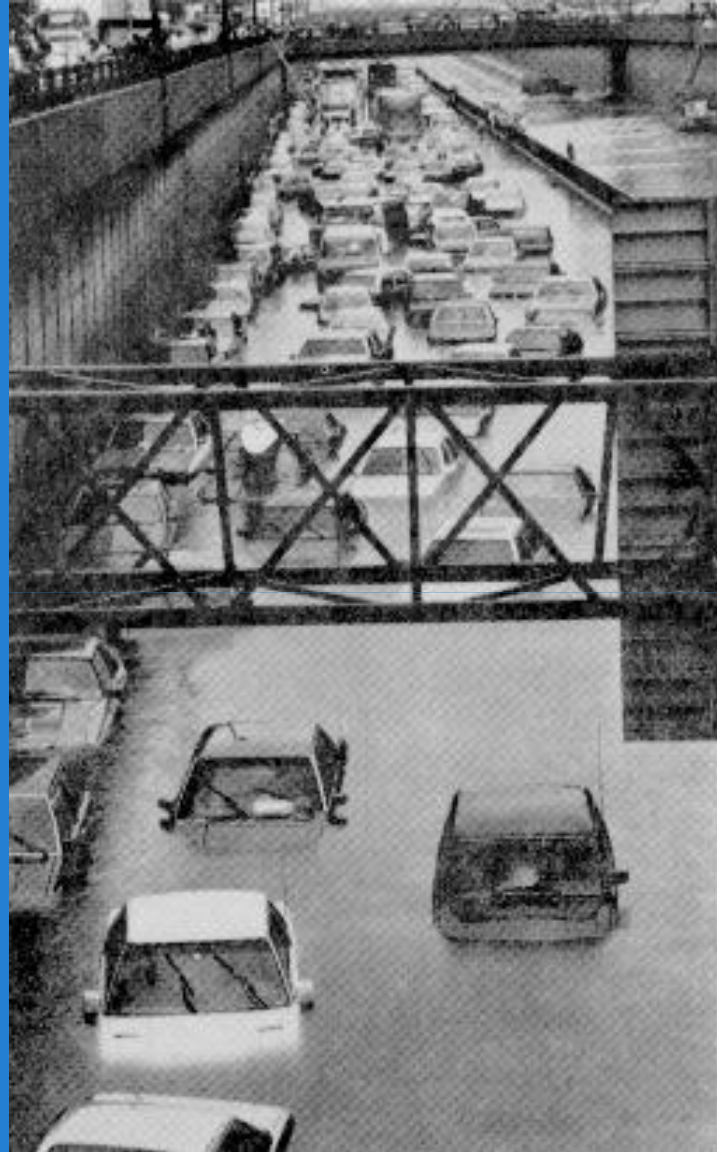














QuickTime™ and a
TIFF (LZW) decompressor
are needed to see this picture.





California Leadership

Ending Global Warming









**San Francisco Bay
Conservation and Development Commission**

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Making San Francisco Bay Better